

## SEQUENCE LISTING

&lt;110&gt; CytoCELL Limited

&lt;120&gt; Improvements in or Relating to Nucleic Acid Assays

&lt;130&gt; MJL/C1092'1/C

&lt;140&gt;

&lt;141&gt;

&lt;160&gt; 39

&lt;170&gt; PatentIn Ver. 2.1

&lt;210&gt; 1

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Bacteriophage T3

&lt;400&gt; 1

aaattaaccc tcactaaa

18

&lt;210&gt; 2

&lt;211&gt; 18

&lt;212&gt; DNA

&lt;213&gt; Bacteriophage T3

&lt;400&gt; 2

ttattaaccc tcactaaa

18

&lt;210&gt; 3

&lt;211&gt; 17

&lt;212&gt; DNA

&lt;213&gt; Bacteriophage T7

&lt;400&gt; 3

taatacgact cactata

17

&lt;210&gt; 4

&lt;211&gt; 17

&lt;212&gt; DNA

&lt;213&gt; Bacteriophage SP6

&lt;400&gt; 4

WO 01/09377

PCT/GB00/02962

atttaggtga cactata

17

<210> 5  
<211> 12  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence:synthetic  
oligonucleotide

<400> 5  
atcgtcagtc cc

12

<210> 6  
<211> 12  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 6  
gctctctctc cc

12

<210> 7  
<211> 12  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 7  
atcctctctc cc

12

<210> 8  
<211> 12  
<212> DNA  
<213> Artificial Sequence

<220>

WO 01/09377

PCT/GB00/02962

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 8

gttctctctc cc

12

<210> 9

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 9

gatgtgtctc cc

12

<210> 10

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 10

gttgtgtctc cc

12

<210> 11

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 11

atcctcgtgc cc

12

<210> 12

<211> 12

WO 01/09377

PCT/GB00/02962

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 12

gctctcgtgc cc

12

&lt;210&gt; 13

&lt;211&gt; 12

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 13

gttctcgtgc cc

12

&lt;210&gt; 14

&lt;211&gt; 12

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 14

gttgtggtgc cc

12

&lt;210&gt; 15

&lt;211&gt; 108

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 15

tgccctccttg tctccgttct ggatatcacc cgatgtggct ctctctccct atagtgagtc 60

WO 01/09377

PCT/GB00/02962

gtattaattt cgaagggtgtt tcctatgatg aatatagata cagaagcg

108

&lt;210&gt; 16

&lt;211&gt; 42

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 16

gcctggcacc attaaagaaa atatcatctt tticgaaatt aa

42

&lt;210&gt; 17

&lt;211&gt; 14

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 17

tacgactcac tata

14

&lt;210&gt; 18

&lt;211&gt; 120

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 18

gttggcatgc ttgatgacg cttctgtatc tatattcatc ataggaaaca ccaaagatga 60  
tattttcttt aatggtgccg ggcataatcc aggaaaactg agaacagaat gaaattcttc 120

&lt;210&gt; 19

&lt;211&gt; 49

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

WO 01/09377

PCT/GB00/02962

&lt;220&gt;

<223> Description of Artificial Sequence: RNA transcript  
of synthetic oligonucleotide

&lt;400&gt; 19

gggagagaga gccacaucgg gugauaucca gaacggagac aaggaggca

49

&lt;210&gt; 20

&lt;211&gt; 25

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 20

tctgctgcct gcttgtctgc gttct

25

&lt;210&gt; 21

&lt;211&gt; 12

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 21

ggatatcacc cg

12

&lt;210&gt; 22

&lt;211&gt; 103

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 22

tcgctcttcg gtctctcctc tcaagcctca gcgctctctc tccctatagt gagtcgtatt 60  
aatttcgaag gtgtttccta tgatgaatat agatacagaa gcg 103

WO 01/09377

PCT/GB00/02962

<210> 23  
<211> 44  
<212> RNA  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: RNA transcrip  
of synthetic oligonucleotide

&lt;400&gt; 23

gggagagaga gcgcugagggc uugagaggag agaccggaag acga

<210> 24  
<211> 25  
<212> DNA  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 24

tctgctcgtc ttccggtctc tcctc

<210> 25  
<211> 12  
<212> DNA  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 25

tcaagcctca gc

<210> 26  
<211> 83  
<212> DNA  
<213> Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

WO 01/09377

PCT/GB00/02962

<400> 26  
tcgtcttccg gtctctcttc tcaagcctca gcgctctctc tccctatagt gagtcgtatt 60  
aatttcgaaa tatcatcttt ggt 83

<210> 27  
<211> 99  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 27  
tcgtcttccg gtctctcttc tcaagcctca gcgctctctc tccctatagt gagtcgtatt 60  
aatttcgaaa tatcatcttt ggtgtttcct atgatgaat 99

<210> 28  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 28  
gcctggcacc attaaagaaa ttcgaaatta a 31

<210> 29  
<211> 77  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 29  
gatgacgctt ctgtatctat attcatcata ggaaacacca atgatatttt cttaaagggt 60  
gccaggcata atccagg 77

<210> 30  
<211> 95



WO 01/09377

PCT/GB00/02962

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 30

tcgtcttccg gtctctctc tcaagcctca gcgctctctc tccctatagt gaggcgtatt 60  
aatttcgaag gcatgacaac ccgaacacca gtgat 95

<210> 31

<211> 37

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 31

gcatttagct accgggcagt gccattttcg aaattaa 37

<210> 32

<211> 111

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

<400> 32

tgcctgcttg tctgcgttct ggatattacc cgagttctcg cttcctatag tgagtcgtat 60  
taatttctcg tcttcgggtc tctcctctca agcctcagcg ctctctctcc c 111

<210> 33

<211> 45

<212> RNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: RNA transcript  
of synthetic oligonucleotide

&lt;400&gt; 33

ggaagcgaga acucggguga uauccagaac gcagacaagc aggca

45

&lt;210&gt; 34

&lt;211&gt; 103

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 34

tcgtcttccg gtctctcctc tcaagcctca gccttctctc ttcctatagt gagtcgtatt 60  
aatttcgaag gtgtttccta tgatgaatat agatacagaa gcg 103

&lt;210&gt; 35

&lt;211&gt; 121

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 35

cctcctctag ttggcatgct ttgatgacgc ttctgtatct atattcatca taggaaacac 60  
caaagatgat attttcttta atggtgccag gcataatcca ggaaaactga gaacagaatg 120  
a 121

&lt;210&gt; 36

&lt;211&gt; 103

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 36

tcgtcttccg gtctctcctc tcaagcctca gccttctctc ttcctttagt gagggttaat 60  
tatttcgaag gtgtttccta tgatgaatat agatacagaa gcg 103

&lt;210&gt; 37

WO 01/09377

PCT/GB00/02962

&lt;211&gt; 42

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 37

gcctggcacc attaaagaaa atatcatctt ttctgaaata at

42

&lt;210&gt; 38

&lt;211&gt; 14

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: synthetic  
oligonucleotide

&lt;400&gt; 38

taaccctcac taaa

14

&lt;210&gt; 39

&lt;211&gt; 44

&lt;212&gt; RNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

<223> Description of Artificial Sequence: RNA transcript  
of synthetic oligonucleotide

&lt;400&gt; 39

ggaagagaga aggcugaggc uugagaggag agaccggaag acga

44